

Lubell LL9816 Underwater Speaker

The LL9816 is an economical yet powerful piezoelectric underwater speaker developed, patented, and manufactured by Lubell Labs of Columbus Ohio. The LL9816 (and it's caged [LL916](#) counterpart) continue to set the world record for having the widest frequency response and highest output level of *any* commercial underwater speaker made, at a price that is reasonable and affordable. Because of its rugged construction and epoxy finish, the LL9816 may be used in test tanks, swimming pools, rivers, lakes, and oceans. The LL9816 is provided with choice of audio isolation transformer box (including [AC203E](#) air/underwater splitter), allowing phone jack connection to popular commercial sound amplifiers of various power & impedance ratings.

- **Type:** Piezoelectric drive dual piston
- **Frequency Response:** 200Hz - 20kHz
- **Outlet Level:** 180dB/uPa/m @ 1kHz
- **Maximum Cable Voltage/Current:** 20 Vrms 3A (100% duty cycle)
- **Operating Depth:** 6' recommended, 50' maximum
- **Finish:** 10-mil ASA61 gray epoxy over MIL-C-5541

Class 1-A substrate

- **Cable:** 25' 18/3 PVC jacketed (custom lengths available @ \$0.90/ft beyond 25' standard)
- **Cable Termination:** 3-pin proprietary (Conxall 3182-3PG-524) mates with transformer box
- **Weight:** 12 lbs in air, 2 lbs in water
- **Size:** 9.0" diameter x 6.0" axial length
- **Included Transformer Box (choose one):** [AC102](#) (use 200 watt 8 ohm amp); [AC201](#) (use 50 watt 2 ohm amp); [AC202](#) (use 50 watt 8 ohm amp); [AC205](#) (use 78 watt 8 ohm / 25V amp); [AC203E](#) (use 8 ohm amp up to 78 watts / 25V).

